

Title (en)

Vaccine, antigens and antibodies containing compound for inhibiting and preventing induced staphylococcus infection

Title (de)

Vakzine, Antigene und Antikörper enthaltende Zusammensetzung für den Schutz und die Hemmung von durch Staphylococcus induzierten Infektionen

Title (fr)

Compositions vaccinales contenant des antigènes et des anticorps pour la prévention et l'inhibition d'infections induites par les staphylocoques

Publication

EP 0694309 A3 19980422 (EN)

Application

EP 95305294 A 19950728

Priority

JP 17858194 A 19940729

Abstract (en)

[origin: EP0694309A2] An antigen comprising in inactivated form the isolated fraction of proteins having a molecular weight of 10,000 to 70,000 derivable from a mixture of cell surface proteins of a bacterium belonging to the genus Staphylococcus and metabolites of a culture medium of said bacterium.

IPC 1-7

A61K 39/085; C07K 14/31; C07K 16/12

IPC 8 full level

A61K 39/085 (2006.01); **A61P 31/04** (2006.01); **C07K 16/18** (2006.01); **C12P 21/00** (2006.01); **A61K 38/00** (2006.01); **C12R 1/44** (2006.01); **C12R 1/445** (2006.01)

CPC (source: EP KR US)

A61K 38/00 (2013.01 - KR); **A61K 39/085** (2013.01 - EP KR US); **A61P 31/04** (2017.12 - EP); **C07K 16/18** (2013.01 - EP KR US); **A61K 38/00** (2013.01 - EP US)

Citation (search report)

- [X] EP 0163623 A2 19851204 - ALFA LAVAL AGRI INT [SE]
- [X] EP 0094997 A1 19831130 - CORNELL RES FOUNDATION INC [US]
- [X] DE 1801724 A1 19691002 - SAPHAR LAB LTD
- [A] WO 9317044 A1 19930902 - FISCHER GERALD W [US]
- [A] US 5034515 A 19910723 - PROCTOR RICHARD A [US]
- [A] US 5240704 A 19930831 - TSURUMIZU TAKASHI [JP], et al
- [XD] C. ADLAM ET AL: "Effect of Immunization with Highly Purified Alpha- and Beta-Toxins on Staphylococcal Mastitis in Rabbits", INFECTION AND IMMUNITY, vol. 17, no. 2, August 1977 (1977-08-01), USA, pages 250 - 256, XP002020045
- [A] L SUTRA ET AL: "Virulence factors involved in the pathogenesis of bovine intramammary infections due to Staphylococcus aureus", THE JOURNAL OF MEDICAL MICROBIOLOGY, vol. 40, no. 1/2, January 1994 (1994-01-01) - February 1994 (1994-02-01), GB, pages 79 - 89, XP002020046
- [AD] T. J. FOSTER: "Potential for vaccination against infections caused by Staphylococcus aureus", VACCINE, vol. 9, no. 4, April 1991 (1991-04-01), pages 221 - 227, XP002020047
- [A] A. L. CHEUNG ET AL: "Surface Proteins of Staphylococcus aureus", REVIEWS OF INFECTIOUS DISEASES, vol. 10, no. 2, July 1988 (1988-07-01) - August 1988 (1988-08-01), USA, pages s351 - s355, XP002020048

Cited by

US7723087B2; WO9641878A1; US10919956B2; US7252828B2; US8663654B2; US8729013B2; US8492364B2; US9474806B2; US10034927B2; US11123416B2; US6743431B2; US7015007B2; US7786255B2; US8084595B2; US8350017B2; US8410249B2; US8435515B2; US8461319B2; US8912314B2; EP2902495A1; US9458227B2; US10017563B2; US10906962B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0694309 A2 19960131; EP 0694309 A3 19980422; JP H0840932 A 19960213; KR 960003742 A 19960223; US 6391315 B1 20020521

DOCDB simple family (application)

EP 95305294 A 19950728; JP 17858194 A 19940729; KR 19950022793 A 19950728; US 50963095 A 19950731